OIPE IAP81 JAN 25 2008 PATENT & TRADEMARK OFFICE

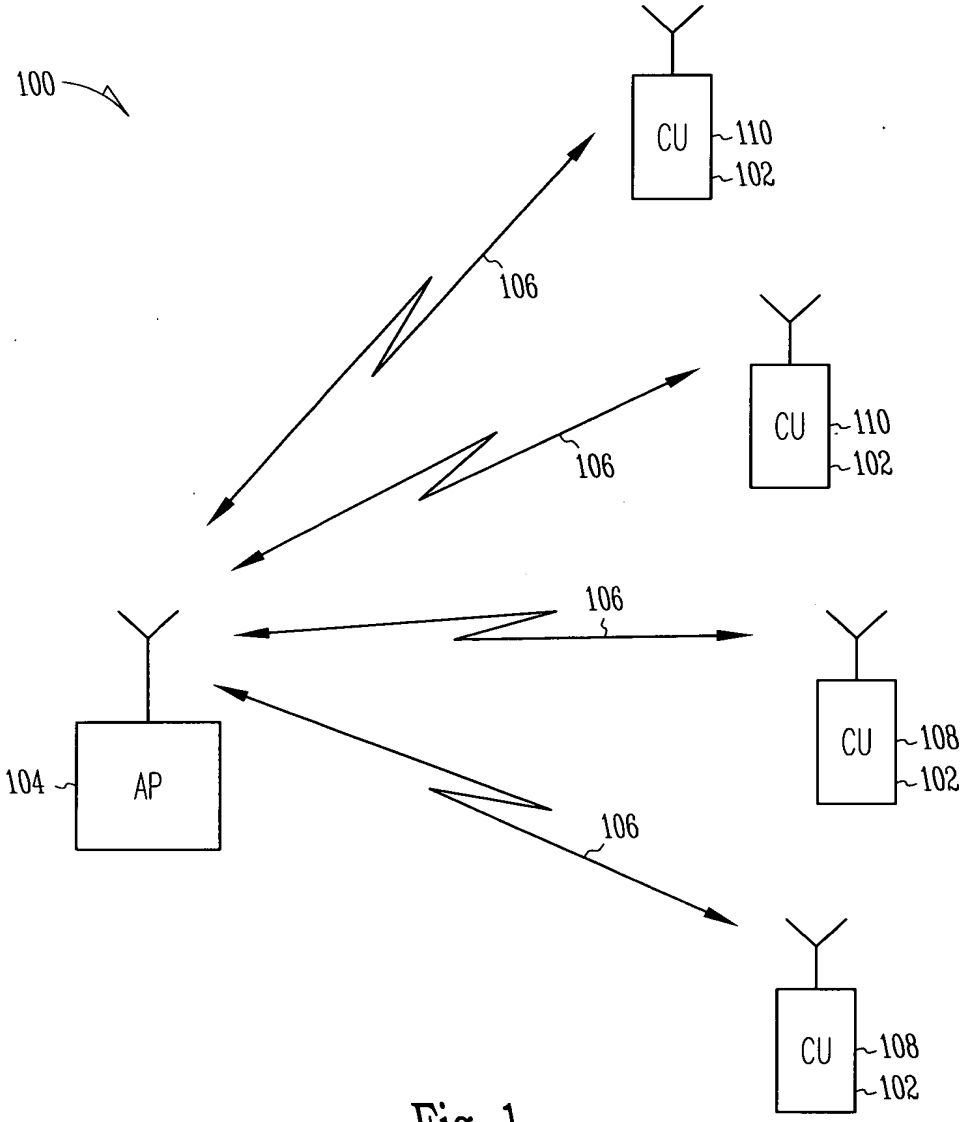

Fig. 1

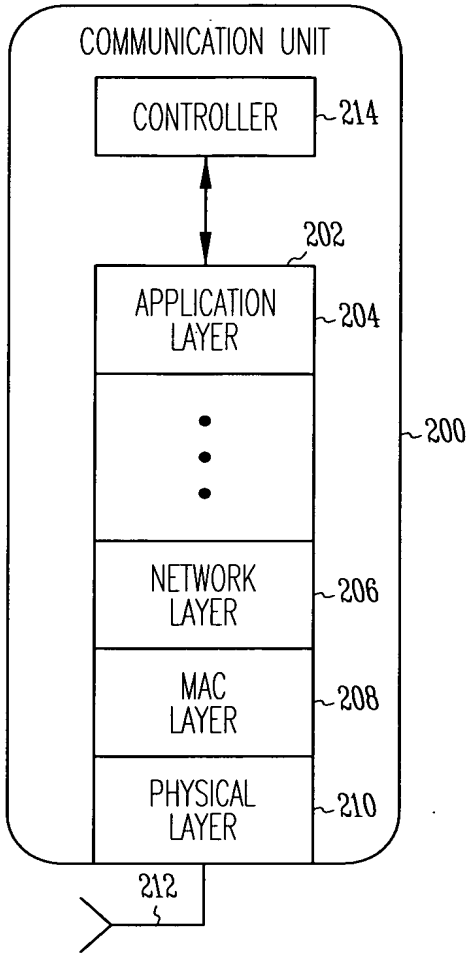
COMMUNICATION UNIT
CONTROLLER
214
202
APPLICATION LAYER
204
200
NETWORK LAYER
206
MAC LAYER
208
PHYSICAL LAYER
210
212

Fig. 2

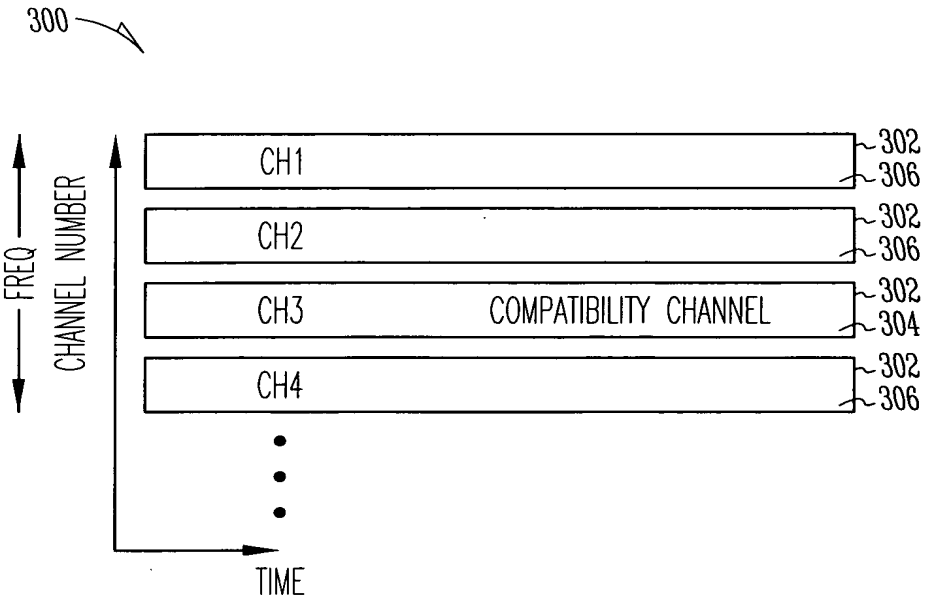
300
FREQ
CHANNEL NUMBER
CH1
CH2
CH3
COMPATIBILITY CHANNEL
CH4
302
306
304
TIME

Fig. 3

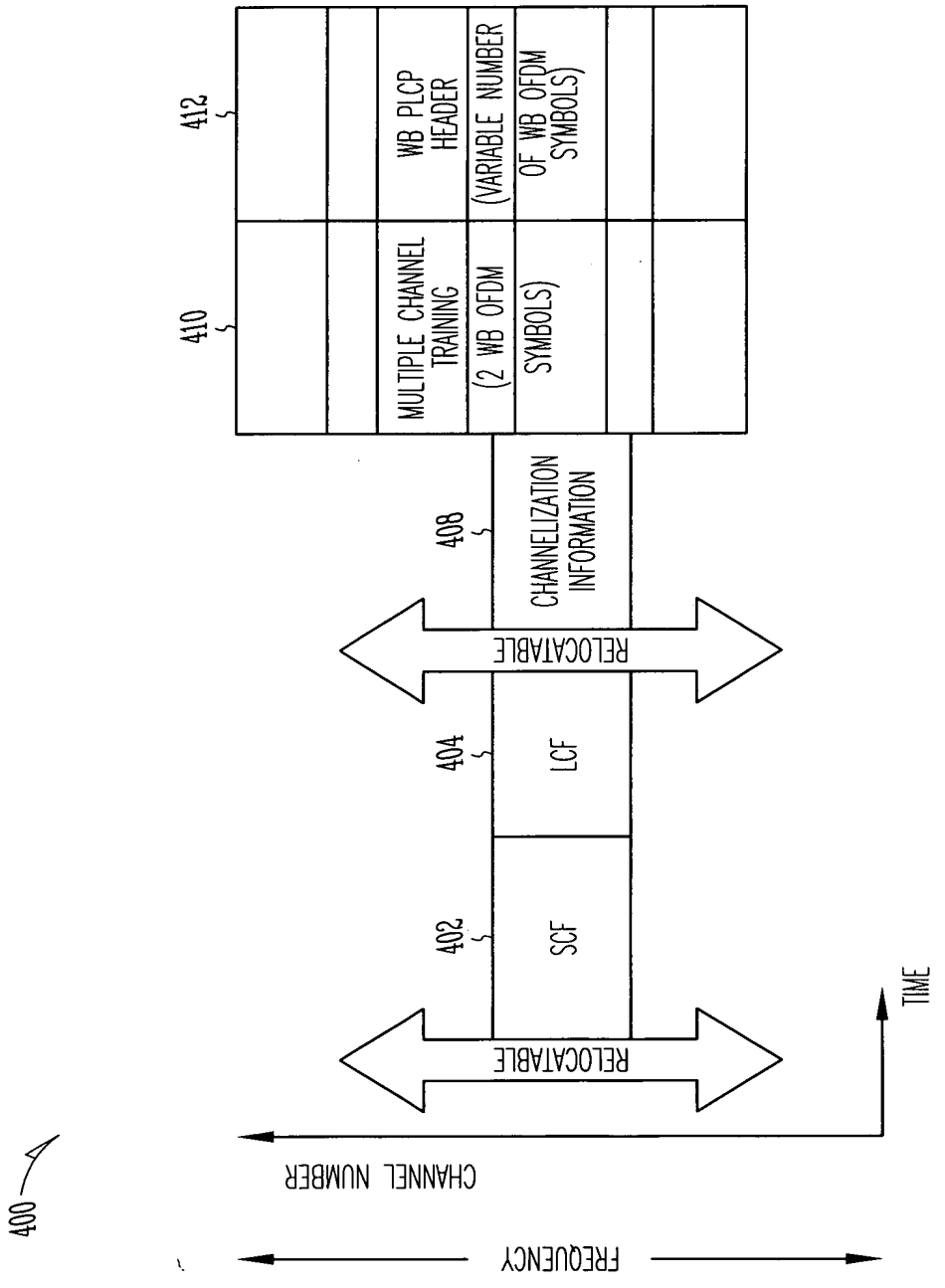
412
WB PLCP HEADER
(VARIABLE NUMBER OF WB OFDM SYMBOLS)
410
MULTIPLE CHANNEL TRAINING
(2 WB OFDM SYMBOLS)
408
CHANNELIZATION INFORMATION
RELOCATABLE
404
LCF
402
SCF
RELOCATABLE
TIME
CHANNEL NUMBER
FREQUENCY
400

Fig. 4

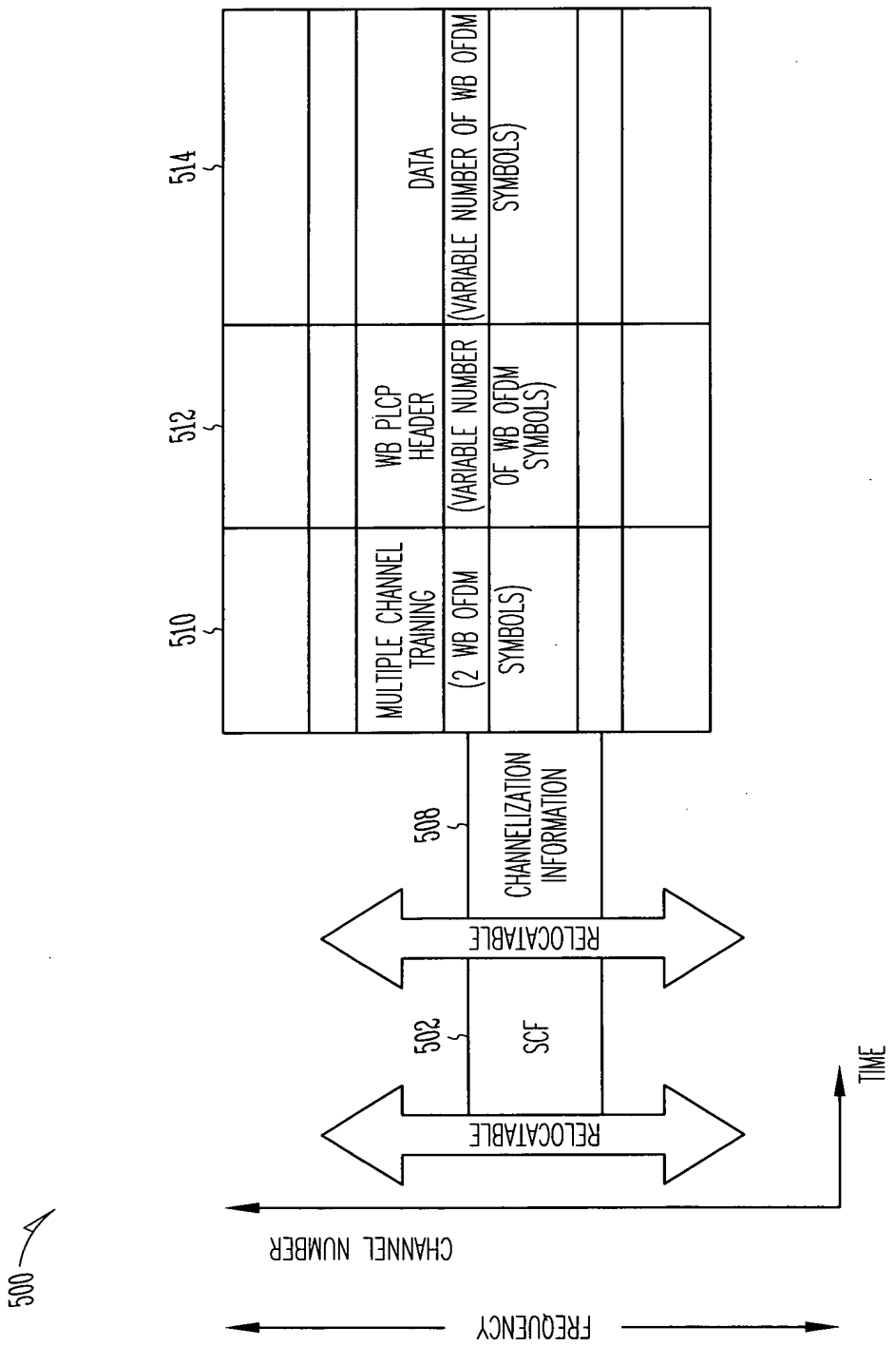
500
514
512
510
508
502
DATA
(VARIABLE NUMBER OF WB OFDM SYMBOLS)
WB PLCP HEADER
(VARIABLE NUMBER OF WB OFDM SYMBOLS)
MULTIPLE CHANNEL TRAINING
(2 WB OFDM SYMBOLS)
CHANNELIZATION INFORMATION
RELOCATABLE
SCF
RELOCATABLE
TIME
CHANNEL NUMBER
FREQUENCY

Fig. 5

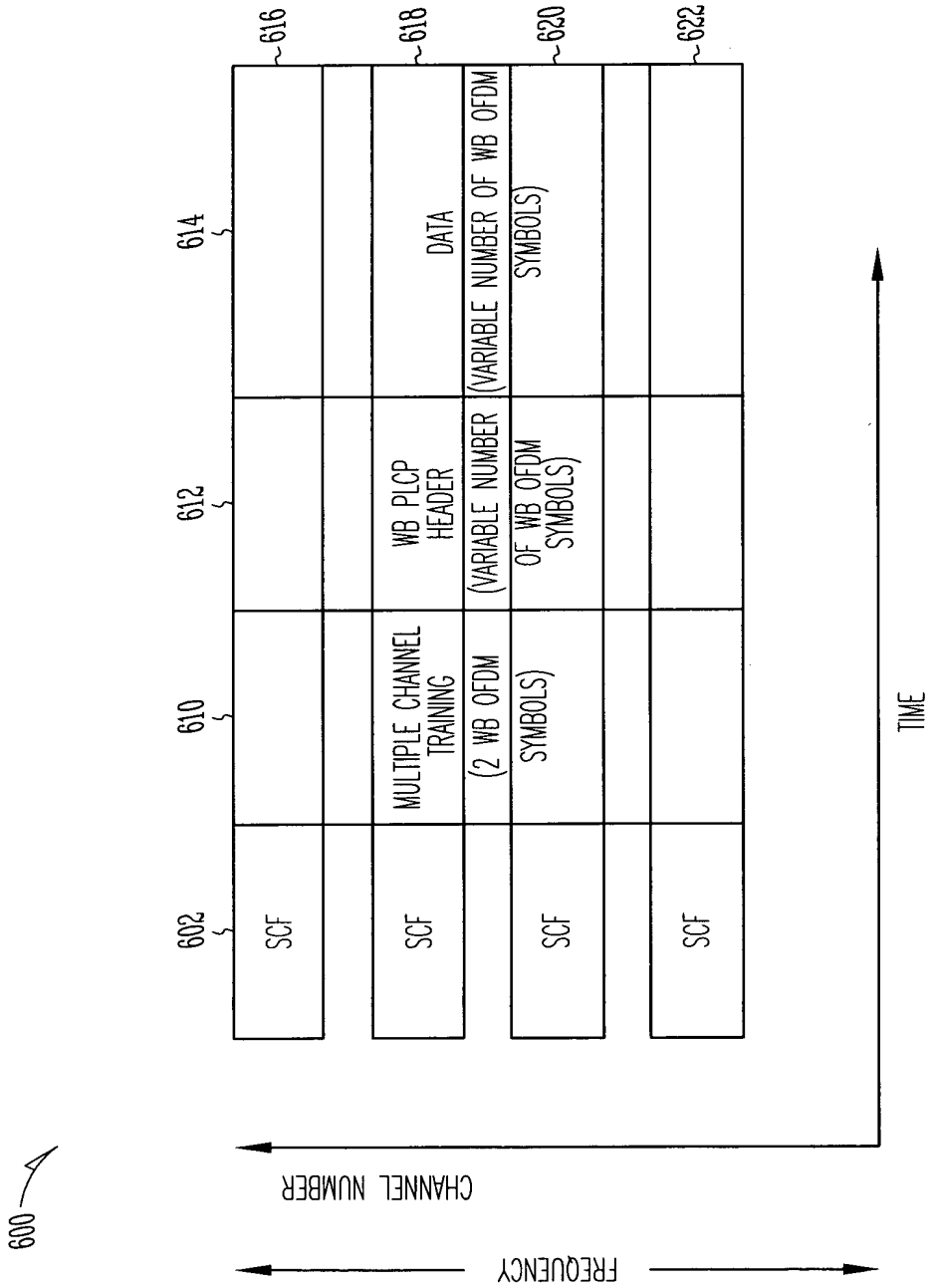
600
602
610
612
614
616
618
620
622
SCF
MULTIPLE CHANNEL TRAINING (2 WB OFDM SYMBOLS)
WB PLCP HEADER (VARIABLE NUMBER OF WB OFDM SYMBOLS)
DATA (VARIABLE NUMBER OF WB OFDM SYMBOLS)
TIME
FREQUENCY
CHANNEL NUMBER

Fig. 6

700

702 BIT #	704 CORRESPONDING PARAMETER	
0	PRESENCE OF DATA FIELD	706
1	BIT LOADING PER SUBCARRIER	708
2	POWER LOADING PER SUBCARRIER	710
3	CODING RATE	712
4	LENGTH	714
5	TX POWER LEVEL	716
6	AVAILABLE TX POWER LEVEL	718
7	CHANNELIZATION REQUEST	720
8	BIT LOADING PER SUBCARRIER REQUEST	722
9	CODE RATE REQUEST	724
10	POWER LOADING PER SUBCARRIER REQUEST	726
11	POWER REQUEST	728
12	DURATION RECOMMENDATION	730
13	SERVICE	732
14	CHANNEL RESERVATION DURATION	734
15-17	RESERVED	738

PARAMETER MASK TABLE

Fig. 7